

DEC 20 2005

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
(571) 273-2885

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Roger R. Wise (Depositor's name)  
Signature  
Date: December 20, 2005

27496 7590 09/23/2005  
PILLSBURY WINTHROP SHAW PITTMAN LLP  
725 S. FIGUEROA STREET  
SUITE 2800  
LOS ANGELES, CA 90017

12/21/2005 TBESHAH2 00000049 161805 09920567

01 FC:1501 1400.00 DA  
02 FC:1504 300.00 DA  
03 FC:8001 30.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/920,567	08/01/2001	Morito Morishima	51270-277010	4245

TITLE OF INVENTION: CIRCUIT FOR MEASURING PARAMETER OF TIME-BASE ERROR OF PULSE TRAIN, AND OPTICAL DISK RECORDING APPARATUS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	12/23/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
HUBER, PAUL W	2653	369-047530			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Pillsbury Winthrop Shaw  
Pittman LLP  
2  
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

YAMAHA CORPORATION

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Hamamatsu-shi, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 16-1805 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Typed or printed name

Roger R. Wise

Date

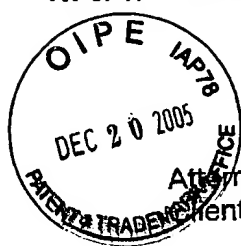
Registration No.

31,204

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



Attorney's Docket 051270-0277010  
Client Reference: H7522US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re PATENT APPLICATION of:

Confirmation No: 4245

Application No.: 09/920,567

Group Art Unit: 2653

Filed: August 1, 2001

Examiner: PAUL W. HUBER

Title: CIRCUIT FOR MEASURING PARAMETER OF TIME-BASE ERROR OF PULSE  
TRAIN, AND OPTICAL DISK RECORDING APPARATUS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATION OF FACSIMILE TRANSMISSION  
UNDER 37 C.F.R. §1.8**

DEC 20 3 13

I hereby certify that the following papers are being facsimile transmitted  
to the Patent and Trademark Office at (571) 273-2885 on the date shown below:

1. Issue Fee Transmittal
2. Form PTOL-85B

PILLSBURY WINTHROP SHAW PITTMAN LLP

ROGER R. WISE  
Reg. No. 31204

Date: December 20, 2005  
725 South Figueroa Street  
Suite 2800  
Los Angeles, CA 90017-5406  
Telephone: (213) 488-7100  
Facsimile: (213) 629-1033

(Certification of Facsimile Transmission—page 1)



PATENT  
51270-277010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Morito MORISHIMA

Serial No.: 09/920,567

Filed: August 1, 2001

For: **CIRCUIT FOR MEASURING PARAMETER OF  
TIME-BASE ERROR OF PULSE TRAIN, AND OPTICAL  
DISK RECORDING APPARATUS**

Confirmation No.: 4245

Date of Notice of Allowance:  
September 23, 2005

I hereby certify that this correspondence is being facsimile transmitted to: (571)273-2885, MAIL STOP ISSUE FEE,  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 20, 2005.

By:

*Roger R. Wise*  
Roger R. Wise, Reg. No. 31,204

TRANSMITTAL OF ISSUE FEE

MAIL STOP ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Allowance dated September 23, 2005, enclosed is Form  
PTOL 85 - Issue Fee Transmittal Part B in connection with the above-referenced application.

The Commissioner is hereby authorized to charge Deposit Account No. 16-1805 of the  
following fees:

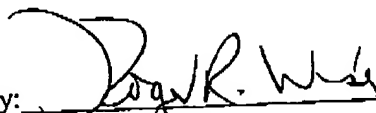
- a) Issue Fee in the amount of \$1,400.00 (fee code 1501)
- b) Publication Fee in the amount of \$300.00 (fee code 1504)
- c) Fee for advance order of 10 soft copies in the amount of \$30.00 (fee code 8001)

PATENT  
51270-277010

The Commissioner is further authorized to charge any deficiency in payment or credit any overpayment to the aforementioned account number. A copy of this Transmittal is enclosed.

Respectfully submitted,  
PILLSBURY WINTHROP SHAW PITTMAN LLP

Dated: December 20, 2005

By:   
Roger R. Wise  
Registration No. 31,204  
Attorney for Applicant(s)

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